

CENTRAL NEVADA DESERT BASINS, DIAMOND-MONITOR VALLEYS

10245900 PINE CREEK NEAR BELMONT, NV

LOCATION.--Lat 38°47'40", long 116°51'13" referenced to North American Datum of 1927, in NW 1/4 SE 1/4 sec. 13, T.11 N., R.45 E., Nye County, Hydrologic Unit 16060005, on right bank, 2.9 mi west of Pine Creek Ranch, and 13.8 mi north of Belmont.

DRAINAGE AREA.--12.2 mi².

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder.

REMARKS.--No estimated daily discharges. Records good. No diversions above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 ft³/s, May 29, 1983, gage height, 4.66 ft; minimum daily, 0.24 ft³/s, August 26, 1997.PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 9	2130	*12	*1.88				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.6	1.4	1.2	0.94	0.88	1.4	3.8	9.3	3.8	1.9	1.1
2	1.5	1.4	1.4	1.2	0.93	0.88	1.4	4.3	9.9	3.6	1.8	1.1
3	1.5	1.6	1.4	1.2	0.92	0.88	1.6	5.2	10	3.5	1.8	1.1
4	1.5	1.5	1.4	1.2	0.90	0.88	1.7	6.4	10	3.3	1.7	1.1
5	1.6	1.6	1.4	1.2	0.90	0.89	1.7	8.0	10	3.2	1.6	1.1
6	1.6	1.5	1.4	1.2	0.92	0.91	1.7	10	11	3.1	1.5	1.1
7	1.6	1.5	1.4	1.2	0.92	1.0	1.8	11	10	3.0	1.5	1.0
8	1.6	1.5	1.3	1.2	0.92	1.1	1.8	12	10	2.9	1.5	1.00
9	1.6	1.6	1.3	1.2	0.92	1.3	1.8	12	9.4	2.8	1.4	0.99
10	1.6	1.6	1.4	1.2	0.91	1.3	1.8	12	8.7	2.6	1.4	0.98
11	1.6	1.5	1.4	1.2	0.91	1.2	1.7	11	7.8	2.6	1.4	1.0
12	1.5	1.5	1.3	1.2	0.90	1.2	1.7	11	7.2	2.5	1.3	1.0
13	1.5	1.6	1.3	1.2	0.92	1.1	1.8	10	6.8	2.4	1.4	1.0
14	1.5	1.5	1.3	1.2	0.89	1.2	1.7	9.3	6.8	2.3	1.5	1.0
15	1.5	1.5	1.2	1.2	0.88	1.2	1.7	9.1	6.7	2.5	1.9	1.0
16	1.5	1.5	1.4	1.1	0.90	1.2	1.7	9.0	6.6	3.0	1.8	1.00
17	1.5	1.5	1.4	1.1	0.92	1.2	1.9	9.3	6.6	3.2	1.6	0.98
18	1.5	1.5	1.3	1.1	0.90	1.3	2.0	9.8	6.8	3.7	1.5	1.0
19	1.5	1.5	1.3	1.1	0.89	1.4	2.2	10	6.2	3.5	1.5	1.3
20	1.5	1.5	1.3	1.1	0.88	1.5	2.3	10	5.9	3.3	1.5	1.3
21	1.5	1.4	1.3	1.0	0.88	1.6	2.4	10	5.7	3.1	1.4	1.4
22	1.5	1.0	1.3	0.98	0.88	1.6	2.4	9.5	5.5	2.9	1.3	1.4
23	1.5	1.2	1.3	1.1	0.89	1.6	2.3	9.3	5.2	2.9	1.3	1.4
24	1.5	1.5	1.4	1.1	0.88	1.5	2.3	9.2	4.9	2.8	1.3	1.3
25	1.5	1.5	1.4	1.00	0.88	1.5	2.4	9.1	4.8	2.6	1.3	1.3
26	1.5	1.4	1.3	0.97	0.90	1.4	2.5	8.8	4.6	2.5	1.2	1.3
27	1.5	1.3	1.3	1.0	0.94	1.3	2.7	9.0	4.4	2.5	1.3	1.3
28	1.5	1.4	1.4	0.98	0.91	1.2	3.0	9.9	4.4	2.3	1.2	1.4
29	1.5	1.4	1.4	0.95	0.88	1.2	3.4	9.7	4.2	2.2	1.2	1.7
30	1.5	1.4	1.3	0.92	---	1.2	3.5	9.4	3.9	2.0	1.1	1.7
31	1.5	---	1.3	0.92	---	1.3	---	9.1	---	1.9	1.1	---
TOTAL	47.1	44.0	41.7	34.42	26.21	37.92	62.3	286.2	213.3	88.5	45.2	35.35
MEAN	1.52	1.47	1.35	1.11	0.90	1.22	2.08	9.23	7.11	2.85	1.46	1.18
MAX	1.6	1.6	1.4	1.2	0.94	1.6	3.5	12	11	3.8	1.9	1.7
MIN	1.4	1.0	1.2	0.92	0.88	0.88	1.4	3.8	3.9	1.9	1.1	0.98
AC-FT	93	87	83	68	52	75	124	568	423	176	90	70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2004, BY WATER YEAR (WY)

MEAN	2.17	1.81	1.50	1.31	1.22	1.60	3.04	16.2	21.9	7.28	3.33	2.21
MAX	4.63	3.06	2.47	2.00	1.90	2.71	9.46	43.7	74.7	34.2	10.7	6.41
(WY)	(1985)	(1985)	(1984)	(1984)	(1984)	(1983)	(1985)	(1983)	(1995)	(1998)	(1984)	(1984)
MIN	1.08	0.99	0.98	0.83	0.75	0.89	1.14	1.77	6.38	1.60	0.60	0.83
(WY)	(2003)	(1986)	(1993)	(1987)	(1987)	(1987)	(1991)	(1991)	(1989)	(2000)	(1997)	(1987)

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10245900 PINE CREEK NEAR BELMONT, NV—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1978 - 2004
ANNUAL TOTAL	863.70	962.20	
ANNUAL MEAN	2.37	2.63	5.31
HIGHEST ANNUAL MEAN			13.8
LOWEST ANNUAL MEAN			2.23
HIGHEST DAILY MEAN	23	May 30	290
LOWEST DAILY MEAN	0.79	Feb 8	0.24
ANNUAL SEVEN-DAY MINIMUM	0.82	Feb 3	0.27
MAXIMUM PEAK FLOW		12 May 9	340
MAXIMUM PEAK STAGE		1.88 May 9	4.66
ANNUAL RUNOFF (AC-FT)	1,710	1,910	3,850
10 PERCENT EXCEEDS	3.6	8.2	13
50 PERCENT EXCEEDS	1.5	1.5	1.9
90 PERCENT EXCEEDS	0.92	0.94	1.0